

### **In the Specification**

***Kindly replace the first full paragraph on page 19 with the following:***

Fig. 2 shows a relationship between heating temperature of induction hardening and prior austenite grain size of hardened layer in a Mo-bearing steel (Mo: 0.05-0.6 mass%) ~~according to the present invention~~ and a comparative Mo-free steel.

***Kindly replace the third full paragraph on page 22 with the following:***

Samples 1-10, 12-23, and 37-52, which were prepared from the steel bars having ~~the~~ our compositions and the structures ~~according to the present invention~~ and were subjected to induction hardening ~~according to the present invention~~, have a grain size of 12  $\mu\text{m}$  or less of the hardened layer and therefore have a torsional fatigue strength of 700 MPa or more.